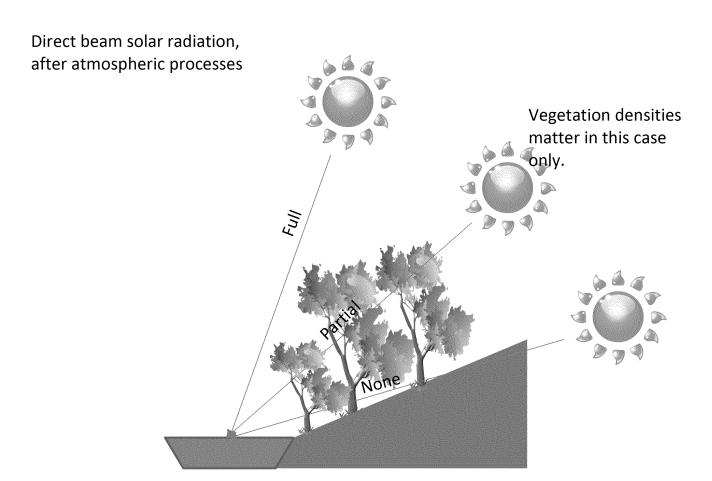
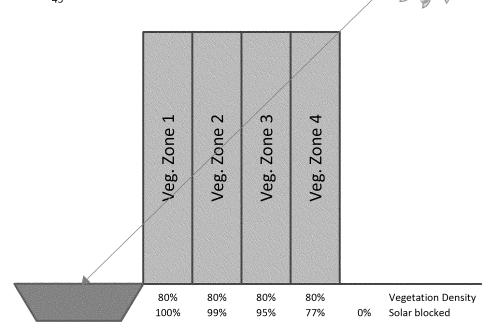
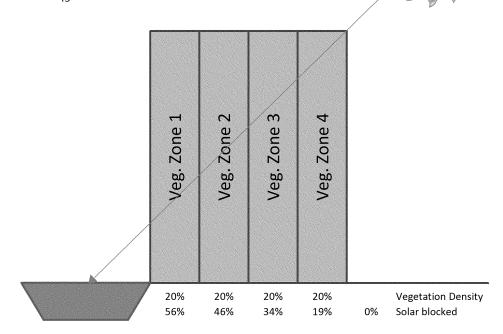
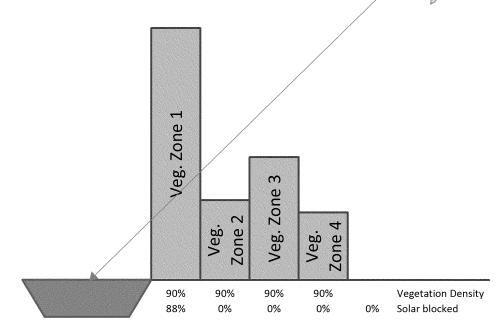
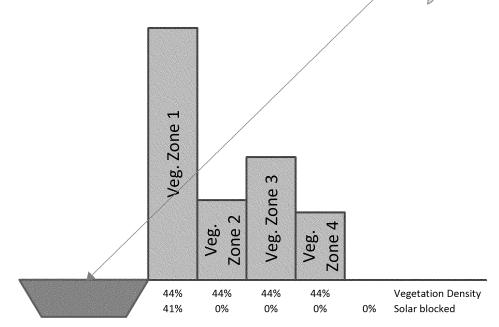
- Heat Source computes stream heating, at any given location, based on iterative calculations for varying solar altitude and azimuth through the course of the day
- Vegetation density and the length of the solar path through a zone determines how much solar radiation is blocked.
- The vegetation density parameter is estimated from the canopy cover from aerial photographs, or derived from LiDAR.

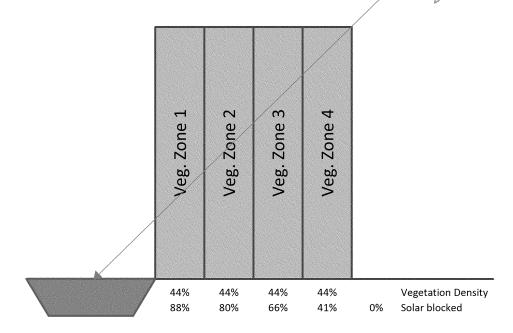


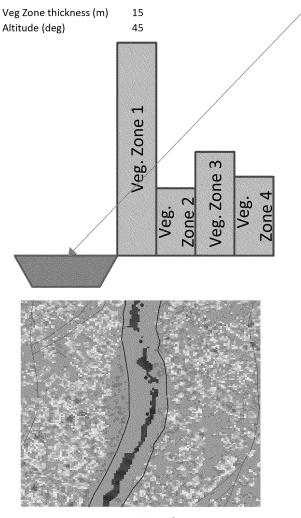




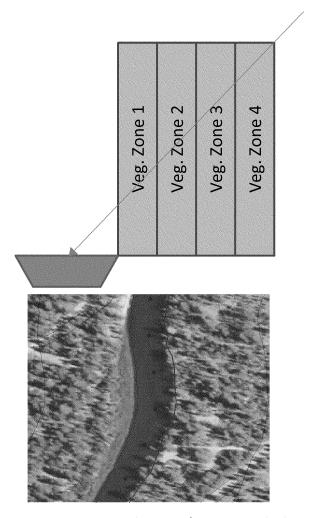








Vegetation Heights from LiDAR



Vegetation Polygons from aerial photo

2014-919500005241

Sensitivity to vegetation density (1 km moving average)

